



STUNTECH
Engineering & Management



STUNTECH SOLUTIONS LTD COMPANY PROFILE



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BRIEF HISTORY

We identified a growing demand in Africa power industry for unbiased, fully-engineered power, control systems and professional maintenance services. Stuntech solutions was hence created in 2012 to fill the gap, to provide complete power system design, engineering, installation and scheduled maintenance based on the users' unique installation, by providing the demanding engineering process and ensuring that all the benefits of the new technology are exploited in the systems.

Our growth is attributed to staying true to the core philosophy of approaching every project with fresh dedication, commitment and passion.

INTRODUCTION - WHO WE ARE

Stuntech Solutions Ltd. (SSL) is a leading, tax compliant company which specializes in provision of design and implementation of engineering systems and management of engineering projects. The company has established facilities in Kenya and serves power utilities, industrial clients, and other engineering firms and customers from within and outside the region.

Stuntech has a team of electrical and civil engineers, designers, cad technicians and a qualified site team who have valuable experience both in public and private sectors.

Our dedicated teams focus on delivering an exceptional service to clients within the commercial, industrial, educational and healthcare sectors. We offer a flexible and tailored package including a fully integrated design and installation service. Our team thrives on a challenge, and relish the opportunity to work in consultation with clients in order to formulate the best possible solution to embrace the needs of each individual project.





OUR VISION & MISSION

In everything we do we are guided by the below mission and vision;

VISION

To be the leading Kenyan engineering firm recognized both locally and internationally in electrical and civil design, installation, implementation, maintenance and management/supervision of engineering solutions.

MISSION

To provide innovative, customized & high quality services in design, installation, implementation, maintenance and management of engineering projects by using state of the art technology and a highly skilled and motivated manpower. With the ability to design from conceptual single line diagrams or implement customer supplied standard designs by utilizing automatic design software's to ensure our engineering costs remain very competitive while preventing costly design errors. We intend to provide value added world class products and services to our clients.

CORE VALUES

- ❖ Professionalism
- ❖ Integrity
- ❖ Diligence



OUR CORE BUSINESS

At SSL, we have recognized the need to keep current with technology developments, and have categorically decided to offer these services to the industry.

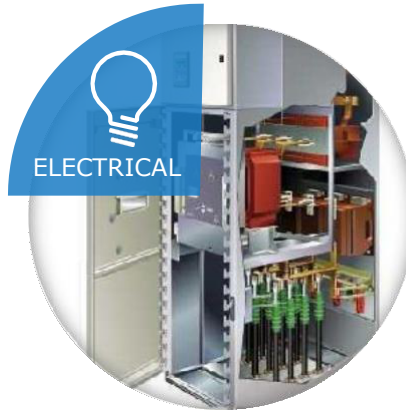
- ❖ Project scoping & specifications development for LV, MV and HV electrical installations.
- ❖ Substation design, device selection, PT and CT specification, AC and DC schematic wiring diagrams, connection wiring diagrams, panel layout diagrams & field cabling design.
- ❖ Protection relay configuration, logic design and implementation, settings file generation, loading and verification.
- ❖ Integration of protection, control and metering functions into local (station HMI) and remote SCADA systems.
- ❖ Civil engineering designs.
- ❖ Building services, design, installations and maintenance.
- ❖ Power system fault study and analysis, load-flow as well as relay coordination and setting studies.
- ❖ Power lines design.
- ❖ Refurbishment of electrical installations.
- ❖ Substation commissioning with full Site Acceptance Testing.

OUR SERVICES

SSL outstanding quality of workmanship, innovation, dedicated project leaders and skilful team of engineers make us the partner of choice for many commercial, industrial, educational and healthcare sectors clients. We offer a diverse but complementary range of solutions:



Electrical, Mechanical &
Civil Design Services



Electrical Installation
Services



Commissioning
Services

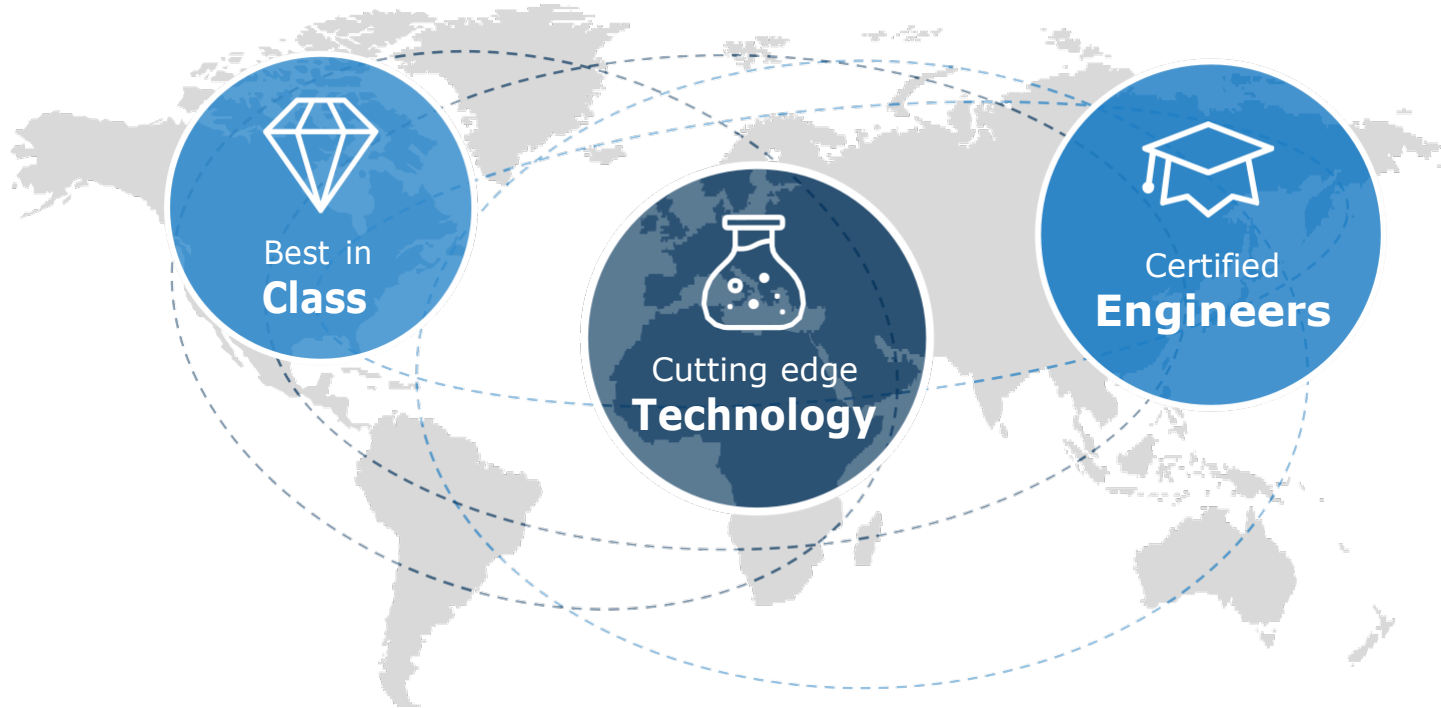
OUR APPROACH

SSL style is consultative, we engage with the client to fully realize the needs of the scheme, to offer advice, and to discuss alternative options in order to formulate the best possible solution to meet the projects requirements. Our methodology is concentration of efforts during the early design stages focusing on the client's intended use of the project that helps provide a smooth installation and assists any maintenance program. We approach every project with a caring attitude and consider the building services elements as a whole which helps to fully comprehend the client's needs, delivering a successful cost effective solution. Our added advantage is that of taking dual accountability for both the design and the installation elements, means that we have continual close contact with the project team (on and off site) from the initial concept design to practical completion and handover to the client. It's this hands on approach, breadth of skills and on site presence, which enables us to resolve any unforeseen circumstances efficiently and effectively.



WHY CHOOSE US

We guarantee our customers best in class engineering services, leveraged on cutting edge technologies and executed by certified engineering professionals.

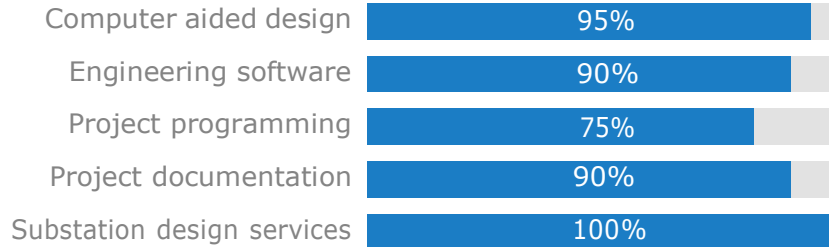


OUR PEOPLE

WHAT DRIVES US

We pride ourselves in having the passion, motivation and positive attitude paramount to achieving the objective of all project we undertake.

TEAM SKILL & ABILITIES



WHAT OUR CUSTOMERS CAN EXPECT

SSL led projects exhibit the following qualities & characteristics:-

- ❖ Professional consultative engagement with the customer.
- ❖ Keen awareness of the latest 'Green' engineering technology.
- ❖ Knowledgeable engineers who offer practical & analytical advice.
- ❖ Delivery of projects on time and on budget.
- ❖ One stop shop design and installation service.
- ❖ Approachable management with proactive decision making



OUR PROJECTS

KEC INTERNATIONAL LTD

Substation Projects ▼

Substation electrical systems design plus drawings & civil designs plus drawings.

Sites Covered

- ❖ Magumu 7.5 MVA 33/11kV substation
- ❖ Uplands 2x23MVA 66/11 KV substation
- ❖ Rironi 2x23MVA 66/11 KV substation
- ❖ Githunguri 2x23MVA 66/11 KV substation
- ❖ Villa Franca 2x23MVA 66/11 KV substation
- ❖ Tala & Juja 23MVA 66/11 KV substation
- ❖ Kangema 7.5 MVA 33/11kV substation
- ❖ Lower Kabete 2x23MVA 66/11 KV substation
- ❖ Lukenya 2x23MVA 66/11 KV substation
- ❖ Mwea 7.5 MVA 33/11kV substation
- ❖ Kirigiti & Dagoretti 2x23MVA 66/11 KV substation
- ❖ Gatundu 2x7.5 MVA 33/11kV substation

Earthing Designs ▼

Integrated earthing designs for substation and power plant

Sites Covered

- ❖ Olkaria1AU 140 MW Substation & power plant
- ❖ OlkariaIV 140MW Substation & power plant

Formation Designs ▼

Line assembly drawings for 11kv, 33kv and 66kv lines



OUR PROJECTS

ADPOWER

Substation Projects ▼

Substation electrical and civil designs plus drawings.

Sites Covered

- ❖ 7.5MVA 33/11kV Kagumo substation.
- ❖ 7.5MVA 33/11kV Mukurweini substation.
- ❖ 7.5MVA 33/11kV Muirungi substation.
- ❖ 7.5MVA 33/11kV Gatakaine substation.



POWER GROUP

Substation Projects ▼

Substation electrical and civil designs plus drawings.

Sites Covered

- ❖ 23MVA 33/11kV Kisumu south substation
- ❖ 7.5MVA 33/11kV Sosit substation.
- ❖ 7.5MVA 33/11kV Mosoch substation.



OUR PROJECTS

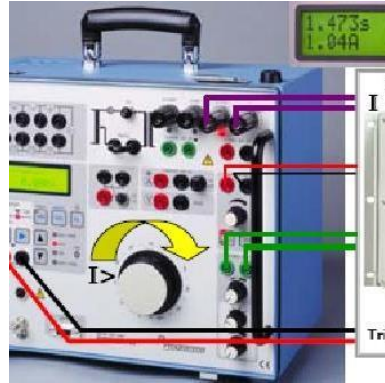
ABB TANZANIA



Substation Designs

Substation electrical, civil and structural design and drawings for Fumba 12.5Mva 33/11kv substation.

ABB UGANDA



Substation Services

Testing of ABB protection Relays and a 60 MVA power transformer

ABB UGANDA



Substation Services

Testing of ABB relays at 132/33kv Tororo substation.

EAST AFRICA BREWERIES LTD



Preventive Maintenance Services

Maintenance of a network comprising of 33/11 KV & 11/0.415KV transformers. & 10 panels of 11kv Switchgear.

OUR PROJECTS

CENTRAL GLASS INDUSTRIES



Meter Supply Installation & Configuration

Supply, configuration & installation of 3 phase multi-tariff meters calibrated & programming as per KPLC tariff structure

HISTOTO



Substation Services

Testing of 60 MVA power transformer

CAMCE



Substation Services

Testing of GE and Schneider Electric protection relays and carrying out the DGA test for the transformer oil.

QUE ENERGY LTD



Webuye Power Plant & Substation.

Electrical designs for the 33kv 10MVA hydro plant & substation

OUR PROJECTS



UMOJA RUBBER
MOMBASA



Installation &
Commissioning Services

Installation of 7.5MVA
transformer feeder,
transformer & protection
relay configuration and
commissioning.

MASTER POWER
SYSTEMS



Mwalimu Sacco
Project

Installation and
commissioning of 5
units of substation
equipment.



OUR PROJECTS

ABYSSINIA GROUP INDUSTRIES



Consultancy inclusive of basic, detailed engineering as well bids evaluation for 132 kV substation

Single Line Protection Diagram

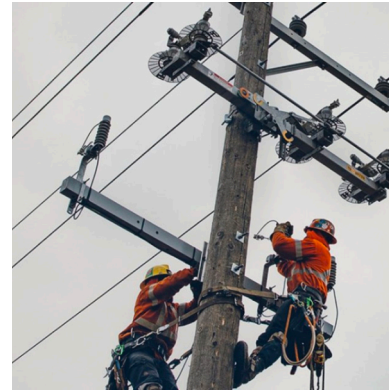
BASE TITANIUM LTD



Ukunda

Installation works for approximately 800m ACSR FOX Overhead line at South Dune area

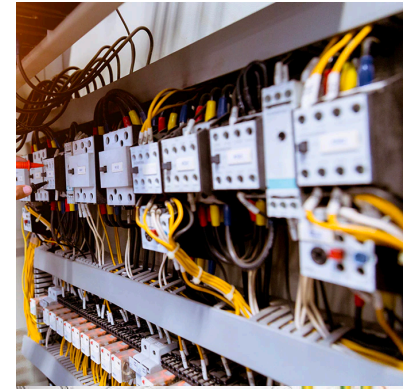
BASE TITANIUM LTD



Ukunda

Installation works for Rehab ABC powerline

BASE TITANIUM LTD



Ukunda

Supply labour for the period starting 1st July up to 29th August 2022

OUR PROJECTS

BASE TITANIUM LTD



Ukunda

Supply of line construction material

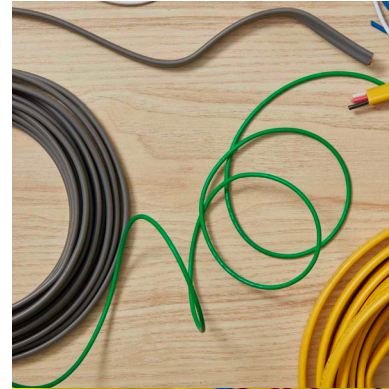
BASE TITANIUM LTD



Ukunda

Installation works for twin bear powerline extension to block 1021

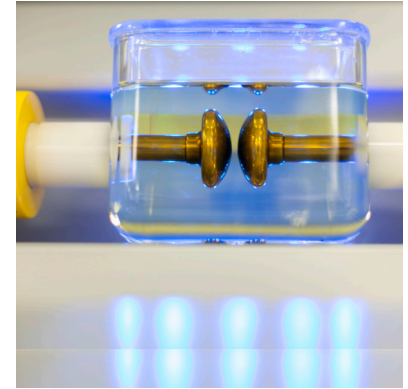
BASE TITANIUM LTD



Ukunda

Installation works for the build of North Dune single bear powerline

CONTROL DESIGN AND POWER SERVICES



Industrial Area

Transformer oil filtration

OUR PROJECTS

ELEMECH ENGINEERING
(KENYA) LTD



Moi's Bridge

Review and project
management of sub-station
design for KPLC Substation

KENSALT LIMITED



Industrial
Area

Transformer repair and
tests

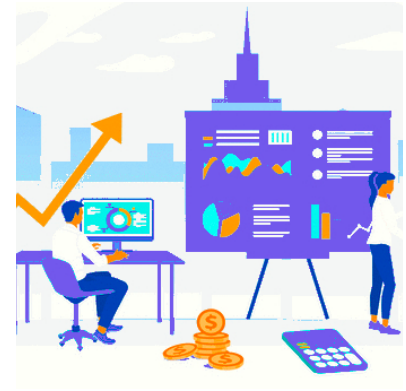
KENSALT LIMITED



Industrial
Area

Transformer oil filtration

ELEMECH ENGINEERING
(KENYA) LTD



Nairobi

Management of the
procurement process for
KETRACO's 400kV Circuit
Breakers and 33kV, 132kV,
220kV & 400kV
Disconnectors

OUR PROJECTS

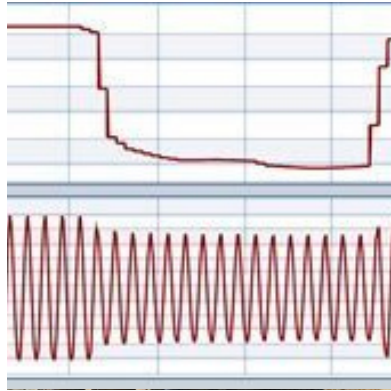
ELEMECH ENGINEERING (KENYA) LTD



Githambo (Murang'a)

Management of Supply of 3-Phase 33kV High tension Power cable, supply of outdoor cable termination kits, termination works, installation and commissioning of 1MVA transformer at Githambo tea factory (KENYA TEA DEVELOPMENT AGENCY (KTDA))

MOMBASA CEMENT LIMITED



Mombasa

Proposal for Voltage dips solution

POWER CONTROLS LTD



Industrial Area

Transformer tests (DGA, BDV, PPM, Insulation resistance, Magnetic balance, Voltage ratio, Winding resistance)

POWER GROUP TECHNOLOGIES

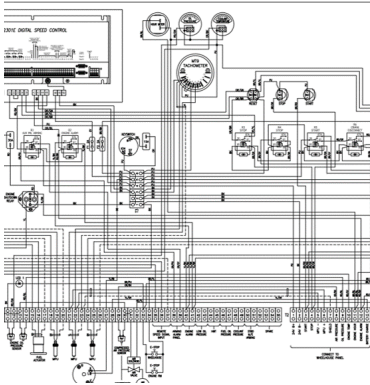


Lokitaung (Turkana)

Substation electrical systems design plus drawings & civil designs plus drawings

OUR PROJECTS

POWER GROUP
TECHNOLOGIES



Kisii

Substation electrical systems
design plus drawings & civil designs
plus drawings

TEXPLAST INDUSTRIES LTD



Magana
(Kikuyu)

Factory earthing

OUR CLIENTS



CONTACT US

ENGINEERING | CONSTRUCTION | MANAGEMENT



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